

The

On Cost, On Schedule, Built for the Next 50 Years...



Renovator

A Newsletter from the Pentagon Renovation & Construction Program Office

SEPTEMBER 2007

REMEMBERING THE PAST

LOOKING AHEAD TO THE PENTAGON MEMORIAL

Six years after the attacks of September 11, 2001, the Pentagon has been restored, is in the process of being renovated, and is looking ahead to the completion of the Pentagon Memorial that will commemorate the 184 lives that were lost on that day in the building and onboard American Airlines Flight 77.

The Pentagon Renovation and Construction Program Office (PENREN) began the Phoenix Project on October 18, 2001, so named because of its representation of the hopeful image of the mythical bird rising from the ashes. Reducing the schedule of the original Wedge 1 renovation, the impacted portions of the Pentagon were demolished, rebuilt, and occupied in less than one year. The offices directly above the point of impact were occupied on August 15, 2002, 28 days ahead of schedule.

The western face of the Pentagon was restored, with only a piece of the charred limestone from the original wall serving as a special symbol of those who lost their lives. The completion of the Pentagon Memorial in September, 2008 will represent another remembrance of the tragedy of that day.

The groundbreaking on June 15, 2006 marked the beginning of construction on the Memorial. The park itself is designed to be a place of remembrance, reflection, and renewal, and is structured in a highly specific and unique way. Consisting of 184 memorial units dedicated to each individual victim, the park is organized as a timeline of the victims' ages, spanning from Dana



Flag hanging from Pentagon, September 2001.



PENREN is charged with transforming the 64-year old headquarters of the U.S. military into a modern, flexible and efficient work environment. PENREN's core mission is to provide the Pentagon Reservation with optimum Facilities and Information Technology through renovation, construction, and modernization. PENREN's award-winning acquisition approach and program management strategy have led to successful completion of several projects in addition to the original renovation work.

INSIDE

Project Updates
and
Photos



Artist rendering of the Pentagon Memorial Park.

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PENTAGON RENOVATION PROJECT WATCH

Images and Updates on Pentagon Renovation & Construction Projects

Wedges 2-5 Renovation

Wedges 2-5 Encompass 4.5 Million Square Feet of Pentagon Space to be renovated by 2011.

Wedge 3, Phase 2, is nearing completion. The first tenant move-ins began the last week of August, into the beginning of September. By the end of September, 206 Joint Staff personnel will be settled into their new offices. Between now and February, 2008, over 3,000 people will be moved, including the SECDEF, Chairman of the Joint Chiefs of Staff, and the Secretary of the Air Force.

Demolition work in Wedge 4, Phase 1 has been slowing down throughout August, and in September, SIPS (Short Interval Productions Schedule) will start, which is a 33-week construction schedule for tenant spaces. Wedge 4.1 SIPS will begin in September, 2007 and is currently scheduled to complete in July of 2008.

Other upcoming work includes the construction of barrier walls in Corridors 9 and 1. The Corridor 9 wall will allow full tenant use of a portion of the Corridor after the October 25 transition. The wall in Corridor 1 signals the beginning of demolition and containment in the Wedge 4.1-Wedge 4.2 Corridor 1 area.



A group of workers are repairing the expansion joint in Wedge 4.



A closer view of concrete repairs in a lightwell.



A tradesman is fastening anchors to the ceiling in Wedge 4.



Recent work on the River Terrace parking lot included re-



PENTAGON RENOVATION PROJECT WATCH (cont.)

Center Courtyard Café

PENREN is rebuilding the historic Center Courtyard Café into a year-round, all-weather facility, featuring restrooms and an indoor seating capacity of around 60.

The Center Courtyard Café construction is well underway. Currently, with the assembly of the structural steel and corrugated metal decking on the mezzanine and roof, you are able to see the outline of where Pentagon employees will soon be able to enjoy year-round food service. Additionally, the main building underground mechanical piping (below slab), and the plumbing and torque of the steel frame have also been completed.

Scheduled to be finished next is the electrical piping in the main floor slab area, placing concrete on the mezzanine and main levels, and finishing the mechanical piping in the tunnel area. Looking ahead, we will see the finished exterior this fall.



Corrugated metal decking being placed on the mezzanine.



Construction workers hard at work on the CCY Café.



Corrugated metal decking covering the mezzanine and top levels of the café.



REMEMBERING THE PAST

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Memorial Unit bench prototype.

from 3 inches above the perimeter bench at Dana's memorial, to 71 inches above the bench at Mr. Yamnicky's.

Since the groundbreaking last year, considerable progress has been made in the construction process. The metal topcasts for the memorial units are being fabricated in St. Louis, Missouri and shipped to Chicago, Illinois to complete the finish polishing. The memorial units will be staged at the polishing plant, and wrapped and shipped to the Memorial site from there. Currently, there are 32 topcasts out of the mold already and in various stages of initial polishing.

During the current construction phase, setting the below-ground supply piping is followed by the installation of a sand and organic fill mixture to bring the surface of the park up to the top of the existing footings. Approximately 47 memorial unit basins have already been set in place, with each basin resting on two footings. These concrete reflecting pools will be below ground when the park is completed.

Lastly, the ongoing concrete pours at the perimeter bench foundations define the perimeter of the two acre Memorial Park, and are tangible evidence the Memorial is finally taking shape.

Falkenberg, age 3, to John Yamnicky, age 71. Additionally, to distinguish victims on board Flight 77 from those who were inside the Pentagon, 59 memorial units face one direction, and 125 face the other. The park is also defined with an age wall: a wall that raises in height one inch per year relative to the age lines running along the memorial benches, growing



Panoramic view of the Pentagon Memorial site. Construction progress as of August 13, 2007.

WE WANT YOUR FEEDBACK!

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